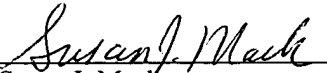


Preliminary Amendment
Attorney Docket No. Q68885

REMARKS

Entry and consideration of this Amendment is respectfully requested.

Respectfully submitted,


Susan J. Mack
Registration No. 30,951

SUGHRUE MION, PLLC
2100 Pennsylvania Avenue, N.W.
Washington, D.C. 20037-3213
Telephone: (202) 293-7060
Facsimile: (202) 293-7860
SJM/amt
Date: March 11, 2002

Preliminary Amendment
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APPENDIX

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE SPECIFICATION:

The specification is changed as follows:

Table on page 21:

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Table on page 22:

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Pages 25, partial paragraph at the top of page 25:

2930,2850,1375,1735,1640,1470,1380,1255,830,770

Page 34, second full paragraph:

4-Thia-16,17,18,19,20-pentanoic-15-cyclohexyl-13,14-didehydro-PGF₁β ethyl ester 11,15-bis(tert-butyl dimethylsilyl ether)

¹H-NMR(CDCl₃,200MHz)δppm;

0.07(s,3H),0.08(s,6H),0.11(s,3H),0.82-1.98(m,19H), 0.88(s,9H),0.90(s,9H),1.27(t,J=7.1Hz,3H),2.17-2.86(m,5H), 2.60(t,J=6.8Hz,2H),3.93-4.28(m,2H),4.08(dd,J=6.4,1.8Hz,1H), 4.16(q,J=7.1Hz,2H)

IR(neat):

3458,2929,2854,1739,1639,1472,1371,1342,1250,1065,898, 837,777,670

Page 37, partial paragraph at the top paragraph:

¹H-NMR(CDCl₃,200MHz)δppm;

0.00(s,3H),0.01(s,3H),0.04(s,3H),0.07(s,3H),0.73-1.89(m,11H),0.88(s,9H),0.90(s,9H),2.33(dd,J=17.9,6.3Hz,1H),2.65(dd,J=17.9,6.3Hz,1H),3.27-3.91(m,2H),4.07-4.20(m,1H),5.25(dd,J=2.5,1.0Hz,1H),5.47(ddd,J=15.9,7.2,0.8Hz,1H),5.61(dd,J=15.5,5.1Hz,1H),6.12(dd,J=2.9,1.0Hz,1H)

IR(neat) cm⁻¹;

2954,2929,2856,1734,1642,1472,1451,1388,1361,1253,1113,
1071,1006,973,943,923,900,837,776,690

Page 44, first full paragraph:

(1) Following the substantially same manner as in Example 1(2) using methyl 5-mercapto-3-oxapentanoate in place of methyl 5-mercaptopentanoate in Example 1(2), thereby 3-oxa-6-thia-16,17,18,19,20-pentanoic-15-cyclohexyl-13,14-didehydro-PGE₁ methyl ester 11,15-bis(tert-butyl dimethylsilyl ether) was obtained.

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$^1\text{H-NMR}(\text{CDCl}_3, 200\text{MHz})\delta\text{ppm};$

0.08(s,3H),0.09(s,3H),0.10(s,3H),0.13(s,3H),0.82-

1.92(m,1H),0.89(s,9H),0.90(s,9H),2.22(dd,J=18.0,6.4Hz, 1H),2.40-2.82(m,2H),2.77(t,J=6.7Hz,2H),

2.92(d,J=5.9Hz,2H), 3.09-3.20(m,1H),3.71(t,J=6.7Hz,2H), 3.76(s,3H),

4.08(dd,J=6.2,1.8Hz,1H),4.13(s,2H),4.28-4.42(m,1H)

IR(neat) cm^{-1} ;

2930,2855,2236,1752,1472,1464,1451,1390,1362,1252,1208,

1138,1066,1006,940,898,837,779,670,579

Page 49, first full paragraph:

(54) Following the substantially same manner as in Example 1(5) using the compound obtained in the above (43), thereby the title compound was obtained.

$^1\text{H-NMR}(\text{CDCl}_3, 200\text{MHz})\delta\text{ppm};$

0.98-2.02(m,13H),2.22-2.47(m,3H), 2.62(ddd,J=10.1,6.4,1.8Hz,1H),2.75-2.99(m,6H),

3.28(s,2H),3.76(s,3H),4.10(m,2H),4.06-4.27(m,2H),4.32-4.47(m,1H)

IR(neat) cm^{-1} ;

3400,2925,2852,2236,1734,1730,1436,1284,1203,1142,1083, 1008,893,833,773,692,578